



Connectors > PCB Connectors > Wire-to-Board Connectors > Wire-to-Board Connector Assemblies & Housings >
DYNAMIC 3100 REC AND TAB HSG



Connector Product Type: **Housing**
Connector & Housing Type: **Receptacle**
Connector System: **Wire-to-Board**
Number of Positions: **16**
Centerline (Pitch): **3.81 mm [.15 in]**

[All DYNAMIC 3100 REC AND TAB HSG \(45\)](#)

Features

Industry Standards

UL Flammability Rating	UL 94V-0
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Contact Features

Contact Base Material	Copper Alloy
Contact Type	Receptacle

Packaging Features

Packaging Method	Bag
Packaging Quantity	100

Mechanical Attachment

Strain Relief	Without
Mating Retention	With
Connector Mounting Type	Cable Mount (Free-Hanging)



Dimensions

Connector Height	12.23 mm[.48 in]
Connector Length	42.71 mm[1.68 in]
Row-to-Row Spacing	5.08 mm[.2 in]

Housing Features

Housing Material	Polyester GF
Centerline (Pitch)	3.81 mm[.15 in]

Product Type Features

Connector Product Type	Housing
Connector & Housing Type	Receptacle
Connector System	Wire-to-Board
Sealable	No
Connector & Contact Terminates To	Wire & Cable

Configuration Features

Number of Positions	16
Number of Rows	2

Body Features

Primary Product Color	Black
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Termination Features

Termination Method to Wire & Cable	Crimp
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Usage Conditions

Operating Temperature Range	-55 – 105 °C[-67 – 221 °F]
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Operation/Application

Circuit Application	Power & Signal
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Other

EU RoHS Compliance	Compliant
EU ELV Compliance	Compliant

Product Compliance

For compliance documentation, visit the product page on TE.com>

EU RoHS Directive 2011/65/EU	Compliant
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EU ELV Directive 2000/53/EC	Compliant
China RoHS 2 Directive MIIT Order No 32, 2016	No Restricted Materials Above Threshold
EU REACH Regulation (EC) No. 1907/2006	Current ECHA Candidate List: JUNE 2024 (241) Candidate List Declared Against: JUNE 2024 (241) Does not contain REACH SVHC
Halogen Content	Not Low Halogen - contains Br or Cl > 900 ppm.
Solder Process Capability	Not applicable for solder process capability

Product Compliance Disclaimer

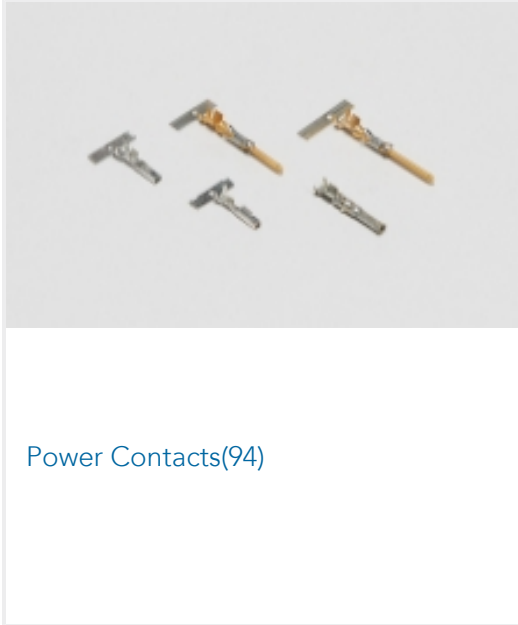
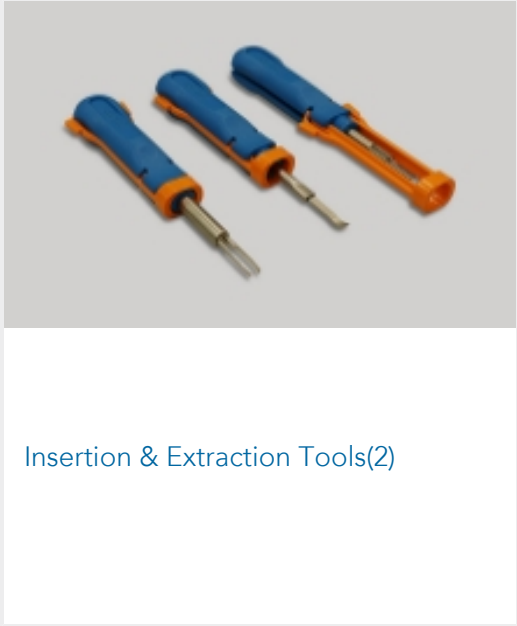
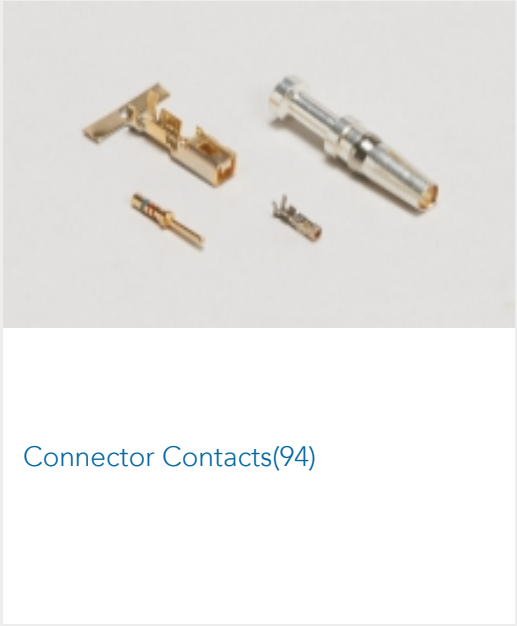
This information is provided based on reasonable inquiry of our suppliers and represents our current actual knowledge based on the information they provided. This information is subject to change. The part numbers that TE has identified as EU RoHS compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, mercury, PBB, PBDE, DBP, BBP, DEHP, DIBP, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2011/65/EU (RoHS2). Finished electrical and electronic equipment products will be CE marked as required by Directive 2011/65/EU. Components may not be CE marked. Additionally, the part numbers that TE has identified as EU ELV compliant have a maximum concentration of 0.1% by weight in homogenous materials for lead, hexavalent chromium, and mercury, and 0.01% for cadmium, or qualify for an exemption to these limits as defined in the Annexes of Directive 2000/53/EC (ELV). Regarding the REACH Regulation, the information TE provides on SVHC in articles for this part number is based on the latest European Chemicals Agency (ECHA) 'Guidance on requirements for substances in articles' posted at this URL: <https://echa.europa.eu/guidance-documents/guidance-on-reach>

Compatible Parts

 TE Part # 2491640-7 16-P POST HDR D-3100D VERT 0.38 PdNi	 TE Part # 2494919-8 D-3100 HDR ASSY V 16P LONG TIME PdNi	 TE Part # 2348625-4 DYNAMIC SERIES RELAY MODULE - 4 RELAY	 TE Part # CAT-D9934-A75E Header Assembly: Wire-to-Board, 15A, gold or tin plated
 TE Part # 2491634-8 DYNAMIC D3100 HDR ASSY 16P PdNi	 TE Part # 175855-1 DYNAMIC KEYING PLUG FOR REC	 TE Part # 2491640-8 DYNAMIC D/ROW HDR 16P V ASSY PdNi	 TE Part # 2491634-7 DYNAMIC D3100 HDR ASSY 16P PdNi



Also in the Series | Dynamic 3000 Series



Customers Also Bought





Documents

Product Drawings

DYNAMIC D3100 REC HSG 16P

Japanese

CAD Files

Customer View Model

ENG_CVM_CVM_178289-7_P.2d_dxf.zip

English

3D PDF

3D

Customer View Model

ENG_CVM_CVM_178289-7_P.3d_igs.zip

English

Customer View Model

ENG_CVM_CVM_178289-7_P.3d_stp.zip

English

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Product Specifications

Product Specification

English

Agency Approvals

TUV Certificate

English